

P:\6170 - Bolsa Monitoring\CAUD\617000\002.dwg; May. 23, 08 -12:47 PM; FHAMP\JUN, CRAIG (C) MOFFATT AND NICHOL

BOLSA CHICA LOWLANDS RESTORATION PROJECT

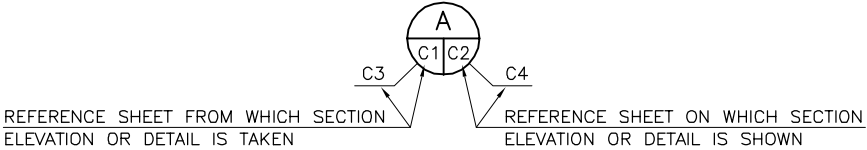
NOTES AND ABBREVIATIONS

ABBREVIATIONS	DESCRIPTIONS
AC	ASPHALT PAVING
APPROX AVE	APPROXIMATE AVENUE
BEG	BEGIN
BLDG	BUILDING
BM	BEAM, BENCH MARK
BOT, BOTT	BOTTOM
BR, BRG	BRIDGE
CAB	CONCRETE AGGREGATE BASE
CIP	CAST-IN-PLACE
CL	CENTERLINE
CONC	CONCRETE
CONST	CONSTRUCTION
CONT, CON'T	CONTINUOUS, CONTINUED
CSLC	CALIFORNIA STATE LANDS COMMISSION
D, DIA	DIAMETER
DEMO	DEMOLITION
DR	DRIVE
DWG	DRAWING
E	EAST
EA	EACH
EDW	EXTREME DESIGN WATER LEVEL
ELECT	ELECTRIC, ELECTRICAL
EL, ELEV	ELEVATION
EMBED	EMBEDMENT
ES	EACH SIDE
E/W	EAST-WEST
EX, EXIST	EXISTING
FFTB	FUTURE FULL TIDAL BASIN
FG	FINISHED GRADE
FS	FINISHED SURFACE
FT	FEET
FTB	FULL TIDAL BASIN
H	HEIGHT
H, HORIZ	HORIZONTAL
HP	HIGH POINT
HWY	HIGHWAY

ABBREVIATIONS	DESCRIPTIONS
ID	IDENTIFICATION
JT	JOINT
Kg	KILOGRAM
L	LENGTH
LOL	LAYOUT LINE
LT	LEFT
m	METER
m ²	SQUARE METER
MAX	MAXIMUM
MHW	MEAN HIGH WATER
MHHW	MEAN HIGHEST HIGH WATER
MIN	MINIMUM
MISC	MISCELLANEOUS
mm	MILLIMETER
MOD	MODIFIED
MPa	MEGA PASCAL
MIN	MINIMUM
MISC	MISCELLANEOUS
MLW	MEAN LOW WATER
MLLW	MEAN LOWEST LOW WATER
mm	MILLIMETER
MOD	MODIFIED
MPa	MEGA PASCAL
MSL	MEAN SEA LEVEL
MT	METRIC TON
MTB	MUTED TIDAL BASIN
MTP	MUTED TIDAL POCKET
MVA	MEGAVOLTAMPERE
N	NORTH
NAD	NORTH AMERICAN DATUM
NAVD	NORTH AMERICAN VERTICAL DATUM
NB	NORTHBOUND
NE	NORTHEAST
NGVD	NATIONAL GEODETIC VERTICAL DATUM
N.I.C.	NOT IN CONTRACT
NO.	NUMBER
N/S	NORTH-SOUTH
N.T.S.	NOT TO SCALE
NW	NORTHWEST
OC, O/C	ON CENTER
OG	ORIGINAL GROUND
OSB	OIL SERVICE BRIDGE

ABBREVIATIONS	DESCRIPTIONS
PCH	PACIFIC COAST HIGHWAY
PI	POINT OF INTERSECTION
PL, PL	PROPERTY LINE, PLANE
PP	POWER POLE
P/S	PRESTRESSED
PT	POINT, POINT OF TANGENT
PVMT	PAVEMENT
R	RADIUS
RDWY	ROADWAY
REQ'D	REQUIRED
REQMTS	REQUIREMENTS
RET	RETAINING
ROW, R/W	RIGHT OF WAY
RT	RIGHT
S	SOUTH, SLOPE
SB	SOUTHBOUND
SCE	SOUTHERN CALIFORNIA EDISON COMPANY
SCHED, SCH	SCHEDULE
SEC	SECONDS
SHT	SHEET
SL	STATION LINE
SPECS	SPECIFICATION
SQ	SQUARE
ST	STREET, STATE
T	TOP, TREAD, TANGENT, TELEPHONE
TOF	TOP OF FOOTING
TOT	TOTAL
USFWS	U.S. FISH & WILDLIFE SERVICE
UGPS	UNDERGROUND PULL SECTION
U.S.	UNITED STATES
VAR	VARIES
V, VERT	VERTICAL
W	WEST, WIDTH
W/	WITH
ZN	ZONE

SYMBOLS	DESCRIPTIONS
&	AND
±	APPROXIMATE
⊙	AT
∅	DIAMETER
#	NUMBER
%	PERCENT
$\frac{3}{1}$	1 VERT TO 3 HORIZ
1:3	1 VERT TO 3 HORIZ



DESIGN WATER LEVELS

+5.00'	EXTREME HIGH	+2.32m
MSL FT	WATER (1/27/1983)	NAVD 88 METERS
+2.67'	MHHW	+1.61m
+1.93'	MHW	+1.39m
0.0'	MSL	+0.80m
+0.18'	NGVD 29	+0.74m
-1.88'	MLW	+0.23m
-2.62'	NAVD 88	0.00m
-2.82'	MLLW	-0.06m
-5.0'	DESIGN INVERT OF INLET	-0.73m
-5.55'	EXTREME LOW WATER (12/17/1933)	-0.89m

BENCH MARK:

THE BENCHMARK FOR THIS SURVEY IS ORANGE COUNTY SURVEYOR ALUMINUM DISK STAMPED "1J-65-83", 1.5 MILES NORTHWEST ALONG PACIFIC COAST HIGHWAY FROM ITS JUNCTION WITH GOLDEN WEST STREET TO THE ENTRANCE INTO AN OIL FIELD, HAVING DOUBLE STEEL CHAIN LINK GATES SET BACK FROM THE FENCE ALONG THE HIGHWAY, 1 FOOT WEST OF THE SOUTHWEST CORNER POST OF THE ENTRANCE, 49 FEET NORTHERLY FROM THE CENTER OF THE HIGHWAY, 21 FEET SOUTHWEST OF THE CENTER OF THE ENTRANCE ROAD, 1 FOOT WEST OF A PADDLEBOARD, 3 INCHES ABOVE THE GROUND.

ELEVATION = 3.093m
DATUM = NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88), 1995 ORANGE COUNTY SURVEYOR ADJUSTMENT.

SURVEY CONTROL:

HORIZONTAL DATUM: CA ST-PL ZN 6 NAD 83

VERTICAL DATUM: m,NAVD 88 = $\left(\frac{\text{FT MSL}}{3.28}\right) + 0.799$

ALL UNITS IN METERS



MOFFATT & NICHOL
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562-426-9551

T-2				
REV.	DATE	DESCRIPTION	BY	
DESIGNED	CF	DRAWN	CvR	CHECKED RS
DATE	5/08	DRAWING NO.		